INTERNATIONAL SEARCH REPORT

Intermal Application No
PCT/IB2004/051773

A. CLASSI IPC 7	IFICATION OF SUBJECT MATTER G01J3/50 G01J3/28				
According •	to International Patent Classification (IPC) or to both national classifica	dion and IPC			
	o international Patent Classification (IPC) of to both national classifica S SEARCHED	MION AND IFO			
Minimum d	ocumentation searched (classification system followed by classification GO1J HO1L	on symbols)			
Documenta	ation searched other than minimum documentation to the extent that s	uch documents are included in the fields se	earched		
Electronic	data base consulted during the International search (name of data bas	se and, where practical, search terms used)		
EPO-In	nternal, WPI Data, PAJ, INSPEC, COMPE	INDEX			
C. DOCUM	MENTS CONSIDERED TO BE RELEVANT				
Category °	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to daim No.		
X	US 5 726 440 A (KALKHORAN NADER N 10 March 1998 (1998-03-10) figure 11 column 11, line 61 - column 12, 1		1–15 [.]		
А	EP 1 067 825 A (TARGETTI SANKEY S 10 January 2001 (2001-01-10) figure 5a paragraph '0031! - paragraph '003	1–15			
А	US 2003/133117 A1 (CHANG CHIN) 17 July 2003 (2003-07-17) paragraph '0033! - paragraph '003	341	1–15		
А	Claims 1-3 US 6 133 615 A (GUCKEL ET AL) 17 October 2000 (2000-10-17) abstract figure 1		1–15		
Fu	rther documents are listed in the continuation of box C.	X Patent family members are listed	in annex.		
 Special categories of cited documents: *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the International filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the International filing date but later than the priority date claimed 		 *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family 			
Date of th	e actual completion of the international search	Date of mailing of the international search report			
	9 December 2004	17/12/2004			
Name and	d mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel (131, 70) 240, 240, Tx, 21,651,000 pl	Authorized officer			
	Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Rasmusson, R			

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Interior nal Application No
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